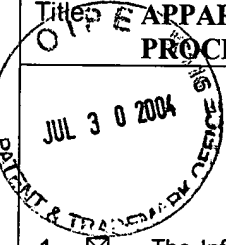
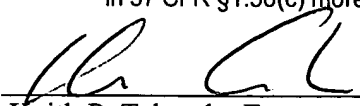
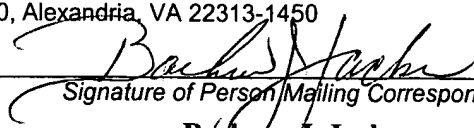


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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Under 37 CFR 1.97(b), (c), or (d)			Docket No. 8549/ETCH/DRIE/JB	
In re Application of: Bera, et al.				
Serial No. 10/821,310	Filing Date April 8, 2004	Examiner	Group Art Unit	
Title: APPARATUS FOR CONTROLLING GAS FLOW IN A SEMICONDUCTOR SUBSTRATE PROCESSING CHAMBER				
		Address to: Commissioner for Patents Alexandria, VA 22313-1450		
<b>37 CFR 1.97(b)</b>				
1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.				
<b>37 CFR 1.97(c)</b>				
2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.				
<b>37 CFR 1.97(d)</b>				
3. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.				
<b>Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)</b>				
<input type="checkbox"/> Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))				
<input type="checkbox"/> No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))				
<input type="checkbox"/> The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782.				
<b>37 CFR §1.704(d)</b>				
4. <input type="checkbox"/> Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.				
 Keith P. Taboada, Esq. Reg. No. 45,150  Moser, Patterson & Sheridan, LLP Attorneys at Law 595 Shrewsbury Avenue, Suite 100 Shrewsbury, New Jersey 07702 732-530-9404		Dated: July 27, 2004  <b>Certificate of Mailing by First Class Mail</b> I certify that this document is being deposited on 7-28-2004 with the U.S. Postal Service as first class mail under 37 CFR §1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  Signature of Person Mailing Correspondence Barbara J. Jackson Typed or Printed Name of Person Mailing Correspondence		



Please type a plus sign (+) inside this box →



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Application Number

10/821,310

Filing Date

April 8, 2004

First Named Inventor

Bera, et al.

Group Art Unit

Examiner Name

Attorney Docket Number

8549/ ETCH/ DRIE/JB

Submission Date

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-5,891,350	04-06-1999	Shan et al.	
	A2	US-6,264,788	07-24-2001	Tomoyasu et al.	
	A3	US-6,245,190	06-12-2001	Masuda et al.	
	A4	US-5,788,799	08-04-1998	Steger et a.	
	A5	US-6,277,237	08-21-2001	Schoepp et al.	
	A6	US-5,885,356	03-23-1999	Zhao, et al.	
	A7	US-6,273,022	08-14-2001	Pu et al.	
	A8	US-6,054,043	04-25-2000	Collins et al.	
	A9	US-5,516,367	05-14-1996	Lei, et al.	
	A10	US-2002/0062848	05-30-2002	Luscher et al.	
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	EP 0892422	01-20-1999	Applied Materials.		
	B2	EP 0814495	12-29-1997	Applied Materials		
	B3	EP 0855735	07-29-1998	Applied Materials		
	B4	WO 99/48130	09-23-1999	Applied Materials		
	B5					

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/821,310
				Filing Date	April 8, 2004
				First Named Inventor	Bera, et al.
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	8549/ ETCH/ DRIE/JB
				Sheet 2 of 2	Submission Date

[illegible]

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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